

CURRICULUM VITAE

Prof. Nobuyuki Imoto, Dr. of Engineering
1 May, 2016

Date of Birth : 17 October 1952

Place of Birth : Kumamoto, Japan

Nationality : Japanese

Present Appointment :

Full Professor, Division of Materials Physics, Department of Materials Engineering Science,
Graduate School of Engineering Science, Osaka University. Japan.

Institute address :

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Academic Qualification :

- (1) Bs. Degree of Applied Physics, The University of Tokyo, 1975;
- (2) Ms. Degree of Applied Physics, The University of Tokyo, 1977;
- (3) Dr. of Engineering The University of Tokyo, 1991.

Academic Positions :

- (1) from Researcher to Group Leader, Basic Research Laboratories, NTT (Nippon Telegraph & Telephone Company), Japan (1977 - 1999);
- (2) Full Professor, The Graduate School of Advanced Studies, Kanagawa, Japan (1999 - 2004);
- (3) Full Professor, School of Engineering Science, Osaka University, Japan (2004 - present)

Memberships :

Member of The Japan Physical Society;
Member of The Japan Society of Applied Physics;
Lifetime Member of The American Physical Society.

Academic visits : 1990 - 1991 - Essex University, Colchester, England (Collaboration with FSR Prof. Rodney Loudon).

General Activities :

- (1) Head of Area 1 (Quantum Electronics, Ray Physics, and Plasma Physics), The Physical Society of Japan (2016-2017);
etc.
- (2) Member, Council for Science and Technology Policy, Cabinet Office, Japan (2001);
- (3) Member, Exploratory Committee on Optics and Quantum Optics, MEXT (Ministry of Education, Culture, Sports, Science and Technology), Japan (2004);
- (4) Member, Committee for the Promotion of Quantum Information, MIC (Ministry of Internal Affairs and Communications), Japan (since 2001) ;
- (5) Head of Area 1 (Quantum Electronics, Ray Physics, and Plasma Physics), The Physical Society of Japan (2001-2002);
etc.

Honors : Best Paper Award in Applied Physics (Optics) (1990), NJP best paper (2009), *etc.*

Publications : 251 peer-reviewed publications in English including Nature(2003), Nature Photonics(2008), Nature Communications(2011), Nature Photonics(2016), 17 Physical Review Letters, 3 Scientific Reports, 10 New Journal of Physics, 67 Physical Review A, 8 IEEE papers, 2 Optics Letters, 4 Optics Express, *etc.*

Research interests : Quantum Information, Quantum Communication, Quantum Computation, Quantum Cryptography, Quantum Optics, Quantum Electronics, Quantum Biology, *etc.*

Press coverage : The Wall Street Journal (2009), The Economist (2009), many Japanese newspapers and scientific magazines since 1995.